

A meta-analysis on the effects of IT capability toward agility

and performance:

New directions for information systems research

S4 - List of included studies, sample sizes and, correlations

Table S4 – Overview of primary studies and correlations included in the meta-analysis

Dataset	Reference	Outlet	Sample Size	OA-ITCR	OA-ITCP	OP-ITCR	OP-ITCP
Akter et al. 2016	[1]	IJPE	152				0.39
Albeshier 2014	[2]	Thesis	186			0.15	
Aral and Weill 2007	[3]	OrgS	147			0.02	
Ashrafi et al. 2019	[4]	IJIM	154		0.34		0.44
Benitez et al. 2018	[5]	I&M	203	0.23		0.17	
Bhatt et al. 2010	[6]	I&M	105	0.64		0.61	
Breu et al. 2002	[7]	JIT	515	0.26			
Brusset 2016	[8]	IJPE	171	0.52			
Cao et al. 2019	[9]	IJIM	633			0.58	
Chakravarty et al. 2013	[10]	ISR	109	0.25		0.22	
Chau Chung Kei 2011	[11]	Thesis	111	0.56	0.38		
Chen 2012	[12]	Thesis	214	0.35		0.26	
Chen et al. 2015	[13]	I&M	138			0.28	0.24
Chen et al. 2017	[14]	JIT	148	0.19		0.24	
DeGroote and Marx 2013	[15]	IJIM	193			0.50	0.47
Eichman 2013	[16]	Thesis	115				0.34
Fink and Neumann 2007	[17]	JAIS	293	0.54	0.60		
Ghasemaghaei et al. 2017	[18]	DSS	215	0.56			
Hazen et al. 2017	[19]	IJPE	190	0.74	0.67	0.27	0.31
Heim and Peng 2010	[20]	JOM	238			0.06	
Jiang and Zhao 2015	[21]	IJNVO	184	0.52	0.58	0.42	0.44
Karahanna and Preston 2013	[22]	JMIS	81				0.30
Kharabe et al. 2013	[23]	ICIS	215	0.47	0.43		
Kim and Chai 2017	[24]	IJPE	272	0.02			
Kim et al. 2011	[25]	JAIS	243				0.33
Lee et al. 2015	[26]	ISR	178	0.20	0.33		
Lee et al. 2016	[27]	CAIS	195	0.32	0.29	0.20	0.24
Liang et al. 2017	[28]	ISR	429		0.10		
Liu et al. 2009	[29]	AMCIS	286	0.54		0.35	
Liu et al. 2013	[30]	DSS	286			0.42	
Lowry and Wilson 2016	[31]	JSIS	400			0.79	0.80
Lu and Ramamurthy 2011	[32]	MISQ	128	0.26	0.39		
Mao et al. 2015	[33]	ID	123		0.51		
Mikalef and Pateli 2017	[34]	JBR	274	0.48	0.55	0.42	0.45
Mikalef et al. 2020	[35]	EJIS	322			0.43	0.49
Mithas et al. 2011	[36]	MISQ	160			0.79	

Pavlou and El Sawy 2010	[37]	ISR	507	0.37		0.22	
Qrunfleh and Tarafdar 2014	[38]	IJPE	205	0.15	0.18	0.18	0.17
Queiroz et al. 2018	[39]	JSIS	120	0.44		0.23	
Rai and Tang 2010	[40]	ISR	318	0.39		0.36	
Ramakrishnan et al. 2020	[41]	CAIS	154	0.49		0.55	
Raschke 2010	[42]	IJAIS	273	0.31		0.35	
Ravichandran 2018	[43]	JSIS	129	0.39	0.41	0.23	0.33
Rivard et al. 2006	[44]	JSIS	96			0.40	0.44
Roberts and Grover 2012	[45]	JMIS	108	0.29	0.08	0.23	0.29
Sanders 2007	[46]	JOM	245			0.30	
Saraf et al. 2007	[47]	ISR	63			0.27	
Stoel and Muhanna 2009	[48]	I&M	686			-0.05	0.04
Swafford et al. 2006	[49]	IJO&PM	135	0.09	0.15	0.08	0.12
Tallon 2008	[50]	ITM	241	0.48	0.50		
Tallon and Pinsonneault 2011	[51]	MISQ	241	0.46		0.08	
Torres et al. 2018	[52]	I&M	266	0.45		0.30	
Tsou and Cheng 2018	[53]	JB&IM	170	0.35	0.30	0.36	0.32
Wamba et al. 2017	[54]	JBR	297				0.35
Wang et al. 2012	[55]	JMIS	296			0.22	0.23
Wang et al. 2013	[56]	CAIS	65			0.42	
Wang et al. 2015	[57]	JBR	235			0.28	
Wei et al. 2020	[58]	DS	215			0.30	0.24
Wu and Li 2008	[59]	IEEE AMIGE	215	0.44	0.53	0.54	0.52
Youn et al. 2014	[60]	IJIM	74		0.14		-0.04
Zhou et al. 2018	[61]	I&M	119	0.58	0.46		
Zhu 2004	[62]	JMIS	114			0.21	

NOTE: Outlet acronyms: AMCIS = Americas Conference on Information Systems; CAIS = Communications of the Association for Information Systems; DS = Decision Sciences; DSS = Decision Support System; EJIS = European Journal of Information Systems; I&M = Information & Management; ICIS = International Conference on Information Systems; ID = Information Development; IJAIS = International Journal of Accounting Information Systems; IJIM = International Journal of Information Management; IJNVO = International Journal of Networking and Virtual Organisations; IJO&PM = International Journal of Operations & Production Management; IJPE = International Journal of Production Economics; ISR = Information Systems Research; ITM = Information Technology Management; JAIS = Journal of the Association for Information Systems; JB&IM = Journal of Business & Industrial Marketing; JBR = Journal of Business Research; JIT = Journal of Information Technology; JM&O = Journal of Management & Organization; JMIS = Journal of Management Information Systems; JOM = Journal of Operations Management; JSIS = Journal of Strategic Information Systems; MISQ = Management Information Systems Quarterly; OrgS = Organization Science; PACIS = Pacific Asia Conference on Information Systems.

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